Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 12 May 2023 until 23:59 on Saturday 13 May 2023

Forecast Issued on Friday 12 May 2023 at 00:59

Confidence: High for main themes but lower than usual confidence regarding the extent of cloud cover on Friday and Saturday. Low confidence currently in arrival/clearance of rain Sunday and Monday.

Headline for Friday 12 May 2023: Low cloud along with mist/fog patches to start, cloud lifting during the morning and perhaps some sunny spells developing.

Mountain weather hazards on Friday 12 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Cloudy	Cloudy	Cloudy	Cloudy	Fog
Precipitation probability					
20%	10%	10%	20%	10%	10%

Forecast for Friday 12 May 2023

Weather: Extensive low cloud lies across the region Friday morning, along with mist and fog patches and perhaps some light drizzle at times across the summits. Becoming brighter mid-morning as low cloud lifts with perhaps a few sunny spells developing towards midday and through the afternoon. The best of these breaks most likely to the south and west of the region, with areas to the north and east perhaps remaining mostly cloudy throughout the day. Cloud thickens again during the evening.

Chance of cloud-free hill tops above 600m: 20% rising to 70% through the morning and improving to 90% across southern and western hills.

Low cloud and visibility: Extensive low cloud and hill fog, with bases around 300-500m, likely causing poor or very poor visibilities to start. This cloud then lifting above summits by mid-morning with visibility improving, but some lower cloud may linger across northern and eastern hills. Cloud lowering again into the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 12 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 NE	21/28 NE	21/30 NE	21/30 NE	21/30 NE	20/28 NE	17/25 NE
300	12/19 NE	14/21 NE	16/24 NE	16/25 NE	15/24 NE	13/22 NE	11/18 NE
Valley	8/18 N	10/21 NE	12/24 NE	12/25 NE	11/23 NE	9/21 NE	6/13 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	7/2	8/3	8/3	7/2	5/0	4/-0
300	8/5	10/7	11/8	11/8	10/6	8/4	7/4
Valley	9/8	11/9	13/11	13/10	11/9	9/6	7/6
Freezing Level*	1700m	1700m	1700m	1800m	1800m	2000m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some poor visibilities to start the day with mist and fog patches. Risk of moderate to high UV levels in any sunny spells that develop during the afternoon. Feeling chilly at times across summits in the fresh breeze.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 12 May 2023	15.4mm	28.2mm	28.2mm

Forecast for Saturday 13 May 2023

Weather: Low cloud becoming extensive again overnight with a risk of mist and fog patches redeveloping, but western hills may remain clear throughout. Cloud lifting and breaking across the region through the morning with some good sunny periods developing by the afternoon.

Maximum wind: Northeasterly 15-20mph gusting up to 30mph early on. Decreasing to 5-8 mph by the afternoon.

Chance of cloud-free hill tops above 600m: 20% rising to 90% through the morning.

Low cloud and visibility: Some poor visibilities to start in any mist and fog patches, along with low cloud perhaps affecting summits. Cloud lifting during the morning allows visibilities to become very good by mid-morning.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 15 Celsius.
At 600m: Plus 4 Celsius, rising to Plus 12 Celsius.
Freezing level: Above all summits

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